

## CONNECTORS

**Personality Connector:** Uses FASTBUS Auxiliary Connector. Intended for interface to the Host. TTL logic. Provides 16-bit data field, 3-bit address and two strobes; read and write. Access time < 300 nsec. Also 32-bit data in/out field presented at rates up to 10 MHz. See the I/O Circuit Diagram.

**Sequence Monitor:** Front panel 34-pin ECL connector. Provides monitor of the operation of the Sequencer.

**Interface Port:** Front panel 34-pin header providing TTL signals to monitor the Interface. Connects to the 2891A, the 1131 or the 1691B.

**IN1, IN2, IN3:** Differential ECL inputs via 2-pin ECLine connectors. Used as real time conditions for the 1821 Sequencer. Operations depend upon software. Minimum duration 30 nsec.

**OUT1, OUT2, OUT3:** Differential ECL outputs via 2-pin ECLine connectors. Driven under software control.

## GENERAL

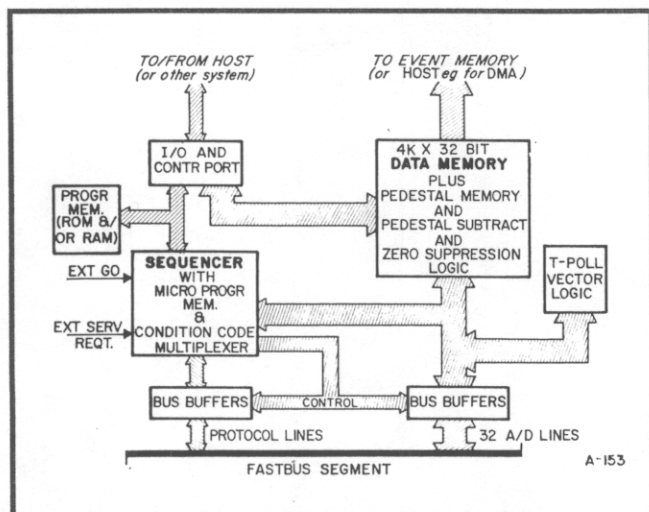
**Packaging:** Standard double-width FASTBUS module in conformance with the FASTBUS Specification ANSI/IEEE-960, 1986.

**Power Requirements:** 5 A at +5 V; 13 A at -5.2 V; 7 A at -2 V.

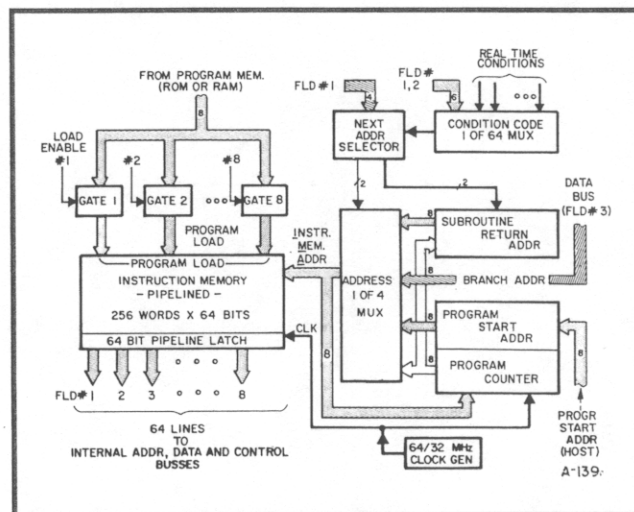
## ACCESSORIES/OPTIONS:

Model 1131	VME-SIB Interface.
Model 1691B	IBM PC/AT Interface.
Model 2891A	CAMAC Interface.
Model DC4/34-m	Connecting cable for 2891A; Here m is length in meters.
Model 1821/DEC	Personality card for DR11W series UNIBUS Interface.
Model 1821/ECL	Personality card for ECLine for connection to ECL triggering system and FASTBUS memories.
Model 1821/MON	1821 Sequencer Monitor.
Model 1821/VAX	VMS Drivers for VAX™ and the 1821/DEC.

FASTBUS



Simplified Block Diagram



Sequencer Block Diagram